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DEPARTMENT OF AGRICULTURE  
HELENA, MONTANA

December 27, 1968

The Honorable Tim Babcock  
Governor of the State of Montana  
Helena, Montana

Dear Governor Babcock:

In conformance to Section 3-106 R.C.M. 1947 I am pleased to transmit herewith fiscal information regarding the activities of the Montana Department of Agriculture for the fiscal year ending June 30, 1968. The fiscal figures indicate the regulatory and marketing activities of the various divisions. The pertinent figures for each division are included and I submit them for your scrutiny. I am pleased to say all of the divisions were able to properly furnish necessary service to people in the industry and have operated well within their budgeted funds.

The report has been delayed in order that we might furnish more accurate figures on the value of production for 1968 crops. They are as follows:

VALUE OF PRODUCTION IN THOUSAND DOLLARS

	<u>1966</u>	<u>1967</u>	<u>1968*</u>
Wheat	\$148,781	\$160,869	\$145,329
Hay	85,722	86,940	77,078
Barley	55,301	31,839	32,051
Sugar Beets	13,568	14,400	15,029
Potatoes	4,080	3,916	4,957
All other crops	<u>8,867</u>	<u>7,550</u>	<u>7,562</u>
TOTAL - All Main Crops	\$316,319	\$305,514	\$282,006

\* 1968 Figures are preliminary estimates.

Wheat production in Montana totaled a record of over 125,869,000 bushels, up some 6% from last year's 119.1 million. Of this total, winter wheat totaled 86.7 million bushels, 3% more than 1967. Spring wheat produced 31.5 million bushels 4% above 1967, the balance being made up of 7.7 million bushels of durum. The 42.7 million bushels of barley was 15% larger than 1967 but 19% below average. The sugar beet crop at 1,051,000 tons was the second highest on record. Hay crop totaled some 3.6 million

The Honorable Tim Babcock  
December 27, 1968  
Page 2

tone, down some 1/3 million tons from 1967. Sweet cherry crop at 1,500 tons, was only about 1/2 the previous year's crop. I am pleased to say that livestock and livestock products continued to play a most important part in our agricultural production and livestock marketings were up substantially this year. The large hay crop and above normal range conditions indicate good production for another year.

The following figures on cash marketing on crops and livestock are indicative of the great impact of agricultural income on the state's economy. Preliminary figures on cash marketings are as follows:

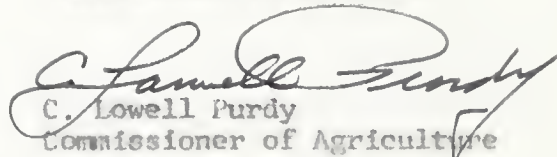
	<u>CASH FARM RECEIPTS IN MILLION DOLLARS</u>	
	<u>1967</u>	<u>1968</u>
Livestock & Livestock Products	267.2	280.0
Crops	220.8	190.0
Government payments (Conservation, Sugar Act, Wool Act, Soil Bank, & Wheat and Feed Grains, etc.)	<u>69.1</u>	<u>75.0</u>
	557.1	545.0

These figures indicate the supreme importance of agriculture in the Montana economy.

The drop in crop income reflects a weakening in the price structure for some of the major crops, especially wheat, the states leading crop. Total returns from crops were approximately some fifteen million dollars down even though production was at an all time high.

Livestock and livestock products showed a substantial increase and along with increased government payments, kept the farm income from slipping further.

Respectfully submitted,

  
C. Lowell Purdy  
Commissioner of Agriculture

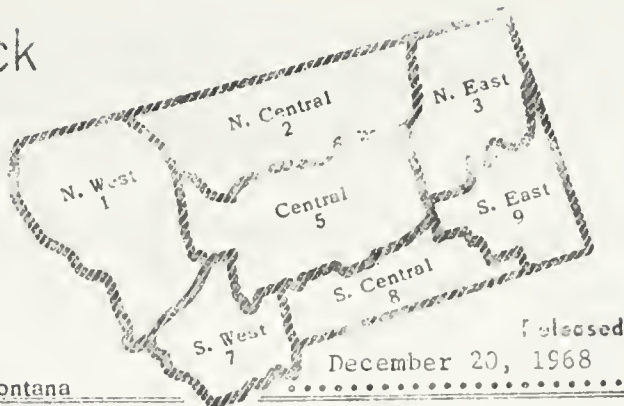
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# Montana Crop and Livestock Reporting Service

UNITED STATES DEPARTMENT OF AGRICULTURE  
Statistical Reporting Service  
and  
MONTANA DEPARTMENT OF AGRICULTURE  
Agricultural Statistics

Helena, Montana



## MONTANA CROP PRODUCTION—1968

1968 FAVORABLE CROP YEAR Good yields of all major crops, except seeds, were harvested by Montana producers in 1968. Although northwestern and northeastern counties were dry, mother nature provided average or above rainfall to all other parts of the State. Temperatures were about 2 degrees below normal during the growing season. Near the end of the winter wheat harvest, cool weather and frequent showers delayed harvest of remaining crops. Lodging and shattering occurred, and late harvesting was delayed nearly two weeks. Irrigation water was adequate, and less than average hail losses were reported. Total acreage of all major crops was 8,209,500 or 5 percent less than a year ago.

EXCEPTIONAL WHEAT CROP Record high all wheat production was 125,869,000 bushels, 6 percent more than previous record produced in 1967. A total of 4,550,000 acres of wheat were harvested in 1968, down 184,000 from 1967. Winter wheat came through the winter in good condition, but light wind damage in the north central counties required some replanting to spring wheat.

WINTER WHEAT Yield, at 31.5 bushels per acre, was the largest ever attained in Montana. Production climbed to 86,656,000 bushels, 3 percent above the 1967 output. Spring wheat (other than durum) production at 31,548,000 bushels was 4 percent higher than last year but 12 percent below average. The durum crop at 7,665,000 bushels was 68 percent above last year's crop and 79 percent above average.

OUTSTANDING BARLEY YIELD This year's barley yield of 37 bushels per acre was second highest, exceeded only by 38.5 bushels in 1965 and 1966. Production was 42,735,000, up 15 percent from a year ago.

The oat crop was 7,280,000 bushels, 41 percent larger than the 1967 crop but 18 percent below the 1962-66 average. Flaxseed output was 66,000 bushels, up sharply from a year ago but third smallest on record.

IRRIGATED CROP YIELDS GOOD Adequate irrigation water and late killing frost made up for the slow start of irrigated crops. Sugarbeet production was 1,051,000 tons, second highest on record. The yield of 16.0 tons per acre was down from last year but 7 percent above the 5-year average.

The dry bean crop, at 162,000 bags (clean basis) was 12 percent above last year but 25 percent below average. The 1,458,000 cwt. of potatoes produced this year is 4 percent below last year but 10 percent above average.

SEED CROP YIELD DWINDLES Alfalfa seed production is 2,015,000 pounds, 34 percent below last year's crop and 56 percent less than average. The smallest red clover seed crop on record in Montana, 126,000 pounds, was harvested in 1968. This was 10 percent below last year and was a plunge of 57 percent from average.

AVERAGE HAY CROP Although below last year's record, this year's 3,585,000 tons of hay was 2 percent greater than average.

SWEET CHERRY CROP AVERAGE The 1968 sweet cherry crop of 1,500 tons, down sharply from last year's bumper crop, was 6 percent above average.

Fraser T. Galloway, Agr. Stat. in Chg..

Robert G. Prongua, Agr. Stat.

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## 1968 ANNUAL CROP SUMMARY 1/

		M O N T A N A							UNITED STATES
		Acreage			Production		Season	Value	
Crop	Year	Planted	Harv.	Unit	Yield Per Acre	Total	Avg. Price Per Unit	of Prod.	Production
		Thousands				Thous.	\$	Thous.\$	Thousands
Corn for Grain	1962-66	70	5	Bu.	55.6	264	1.26	332	3,862,300
	1967	70	7	"	68.0	476	1.30	619	4,760,076
	1968	70	4	"	75.0	300	1.26	378	4,374,840
Winter Wheat	1962-66	2,278	1,977	Bu.	27.1	54,080	1.51	79,279	967,508
	1967	2,877	2,807	"	30.0	84,210	1.23	103,578	1,206,808
	1968	2,877	2,751	"	31.5	86,656	1.09	94,455	1,228,638
Durum Wheat	1962-66	187	181	Bu.	23.8	4,282	1.65	7,372	64,467
	1967	243	240	"	19.0	4,560	1.61	7,342	66,443
	1968	379	365	"	21.0	7,665	1.41	10,803	97,697
Other Spring Wheat	1962-66	1,753	1,684	Bu.	21.3	35,722	1.63	58,242	197,917
	1967	1,705	1,687	"	18.0	30,366	1.42	43,120	249,131
	1968	1,466	1,434	"	22.0	31,548	1.27	40,066	244,098
All Wheat	1962-66	4,217	3,842	Bu.	24.4	94,084	1.56	144,894	1,229,893
	1967	4,825	4,734	"	25.2	119,136	1.29	160,869	1,522,382
	1968	4,722	4,550	"	27.7	125,869	1.15	145,329	1,570,433
Oats	1962-66	369	225	Bu.	39.4	8,872	.56	4,930	911,628
	1967	244	140	"	37.0	5,180	.64	3,315	789,196
	1968	293	182	"	40.0	7,280	.61	4,441	929,524
Barley	1962-66	1,656	1,559	Bu.	33.9	52,586	.80	42,087	398,417
	1967	1,319	1,255	"	29.5	37,022	.86	31,839	372,898
	1968	1,200	1,155	"	37.0	42,735	.75	32,051	418,168
Rye	1962-66	43	20	Bu.	20.2	385	.81	304	32,670
	1967	12	5	"	19.0	95	.80	76	24,154
	1968	14	5	"	18.0	90	.71	64	23,220
Flaxseed	1962-66	23	22	Bu.	10.2	221	2.51	552	29,293
	1967	6	5	"	8.0	40	2.63	105	20,036
	1968	7	6	"	11.0	66	2.55	168	27,264
Potatoes	1962-66	8.0	7.8	Cwt.	169.	1,322	3.40	4,445	275,923
	1967	8.6	8.4	"	180.	1,512	2.59	3,916	305,412
	1968	8.3	8.1	"	180.	1,458	3.40	4,957	293,438
Dry Beans	1962-66	14	13	Cwt.	17.0	216	6.40	1,381	18,344
	1967	8	8	"	18.0	144	7.90	1,138	15,177
	1968	9	9	"	18.0	162	5.90	956	17,676
Sugar Beets	1962-66	65.3	63.6	Tons	14.9	947	12.88	12,181	21,245
	1967	59.5	57.1	"	17.6	1,007	14.30	14,400	19,197
	1968	67.6	65.7	"	16.0	1,051	14.30	15,029	25,422
Alfalfa Seed	1962-66	----	42	Lbs.	94	4,579	32.06	1,269	131,505
	1967	----	36	"	85	3,060	41.00	1,255	112,419
	1968	----	31	"	65	2,015	34.00	685	113,399
Red Clover Seed	1962-66	----	1.3	Lbs.	219	291	29.94	87	71,131
	1967	----	.7	"	200	140	30.00	42	45,635
	1968	----	.7	"	180	126	35.00	44	40,527
All Hay	1962-66	----	2,344	Tons	1.51	3,530	21.54	75,782	120,927
	1967	----	2,370	"	1.63	3,864	22.50	86,940	126,300
	1968	----	2,193	"	1.63	3,585	21.50	77,078	125,438
Sweet Cherries	1962-66	----	----	Tons	----	1,416	434.	430	100,868
	1967	----	----	"	----	2,780	367.	1,000	110,990
	1968	----	----	"	----	1,500	551.	826	87,130
ALL MAIN CROPS	1962-66	----	8,138.2	XXX	XXX	XXXX	XXXX	288,674	7,130,651
	1967	----	8,626.2	XXX	XXX	XXXX	XXXX	305,514	8,123,991
	1968	----	8,209.5	XXX	XXX	XXXX	XXXX	282,006	7,948,007

1/ All estimates for 1968 are preliminary. 2/ Planted acreage of corn for all purposes. 3/ Average prices beginning with 1964 crop reflect open market sales and do not include the value of marketing certificates or payments-in-kind received by growers. 4/ Price & value excludes Government payments. 5/ Prices per cwt. 6/ Price of baled hay. 7/ Production in actual tons. 8/ Includes some quantities not harvested on account of economic abandonment in Montana in 1966 and 1967 and for U.S. in 1966, 1967 and 1968.

"Effective January 1, 1969, the Statistical Reporting Service plans to discontinue calculation and publication of 5-year averages that appear in this report. The report will contain data for the current and the two preceding years. It is believed that changes in agriculture have decreased the value of the 5-year averages for making comparisons."

DEPARTMENT OF AGRICULTURE - SUMMARY SHEET - JULY 1, 1967 - JUNE 30, 1968

<u>Income</u>	<u>Carry Over</u>	<u>Appropriation</u>	<u>Reserve</u>	<u>Funds Available</u>	<u>Expenditures</u>	<u>Balance</u>
Administration	455.50	77,227.00	5,000.00	82,682.50	49,846.58	32,835.92
Agricultural Statistics		26,500.00		26,500.00	26,102.53	397.47
Dairy	13,783.92	74,044.00		87,827.92	67,231.91	20,596.01
Horticulture		160,263.00		163,072.69	159,414.15	3,658.54
Rust Control	2,809.69	3,700.00		3,700.00	2,846.04	853.96
Weights & Measures	10,544.45	117,816.00		131,407.35	106,599.03	24,808.32
Commercial Feed and Fertilizer	6,065.67	48,900.00 5,200.00 *		60,165.67	55,718.65	4,447.02
Grain Laboratories	1,334.71	268,100.00		269,434.71	220,232.63	49,202.08
Wheat Research & Marketing	97,330.29	-0-		97,330.29	81,909.72	15,420.57
Totals	121,658.66	781,750.00	5,000.00	922,121.63	769,901.24	152,220.39

\* Budget Amendment

Rural Rehabilitation	83,527.72	44,920.14	-0-	128,447.86	40,460.00	87,987.86
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DEPARTMENT OF AGRICULTURE APPROPRIATED FUNDS

July 1, 1967 - June 30, 1968

	Funds Available	Expenditures	Purchase Order Revision	Balance
51003	3,017.20	2,431.95	585.25	-0-
51004	3,295.39	3,295.39		-0-
51005	332,155.00	291,642.91		40,512.09
51006	5,000.00	4,928.97		71.03
51007	93,895.00	84,425.74		9,469.26
51008	5,000.00	-0-		5,000.00
29702	7,000.00	4,993.60		6.40
30702	13,250.00	13,250.00		-0-
30603	31,834.71	22,041.90		9,792.81
30605	227,600.00	206,987.66		20,612.34
30606	10,000.00	8,762.00		1,238.00
31502	28,400.00	28,098.70		301.30
38101	24,200.67	21,017.89		3,182.78
38102	7,565.80	6,602.06		962.94
Totals	792,212.97	700,478.77	585.25	91,148.95



EXPENDITURESDETAILDEPARTMENT OF AGRICULTURE

	<u>Salaries</u>	<u>Employee Benefits</u>	<u>Supplies</u>	<u>Communi- cations</u>	<u>Utilities</u>
Administration	36,227.62	2,859.81	1,180.34	965.22	-0-
Agricultural Statistics	18,715.31	1,589.09	2,517.04	-0-	-0-
Dairy	45,232.20	3,835.06	3,070.06	1,482.57	-0-
Horticulture	113,102.34	9,958.00	6,376.04	3,261.50	873.07
Rust Control	2,606.40	239.64	-0-	-0-	-0-
Weights & Measures	61,644.94	5,181.65	2,194.18	843.62	694.88
Commercial Feeds & Fertilizer	32,159.88	2,540.88	4,691.10	12.39	-0-
Grain Laboratories	188,478.62	18,509.04	6,174.46	1,621.84	3,089.37
Wheat Research & Marketing	9,404.92	796.53	4,622.46	2,191.40	-0-
Rural Rehabilitation					
Totals	507,572.23	45,509.70	30,825.68	10,378.54	4,657.32

\* Purchase U.S. Treasury Bills \$50,000.00

JULY 1, 1967 - JULY 30, 1968

<u>Travel</u>	<u>Contracted Services</u>	<u>Special Fees</u>	<u>Rep. &amp; Main Equip. &amp; Bldg.</u>	<u>Capital</u>	<u>F.O. Rev.</u>	<u>Benefits</u>	<u>Total</u>
8,090.01	1,523.55	100.23	210.65	675.00	-0-	-0-	49,846.58
	17.15	2,333.00	-0-	-0-	-0-	-0-	26,102.53
10,863.92	40.00	2,408.75	140.50	98.85	-0-	-0-	67,231.91
20,480.66	4,150.40	504.81	40.32	264.04	390.13	-0-	159,024.02
-0-	-0-	-0-	-0-	-0-	-0-	-0-	390.13
							2,846.04
25,687.39	1,407.30	202.50	2,424.12	5,562.53	195.12	-0-	106,403.91
							195.12
3,413.43	541.55	29.00	10.00	12,092.17	-0-	-0-	55,714.15
		231.25	1,350.00				
1,886.29	4,702.00	8,732.00	341.00	2,604.35	-0-	-0-	237,791.50
5,440.55	1,000.14	2,452.18	-0-	1,711.00	-0-	59.83	21,445.31
							* 50,000.00
						60,460.00	40,400.00
			8,286.47				
74,043.10	11,574.13	17,135.27	341.00	23,008.58		60,510.83	826,920.21
					5-5.20		827,505.40

DEPARTMENT OF AGRICULTURE - EARNED REVENUE FUNDS

Balances - July 1, 1967 - June 30, 1968

206500	Commercial Fertilizer	23,240.79
216400	Commercial Feeds	46,710.64
207000	Grain	119,627.97
410437	Research Marketing	43.36
719200	Revolving Fund	19,854.24
		-12.30 *
510500	Rural Rehabilitation	87,987.86
719800	Wheat Research & Marketing	15,408.27
		-12.30 *
Totals		312,073.13

\* 12.30 - Correction of Expenditure

INCOME - July 1, 1967 to June 30, 1968

COMMERCIAL FEEDS

Registrations	\$ 16,070.00	
Gross Annual	11,760.00	
Refund	<u>19.14</u>	
Total		\$ 27,849.14

COMMERCIAL FERTILIZER

Registrations	8,325.00	
Tonnage	<u>24,934.21</u>	
Total		33,259.21

DAIRY DIVISION

Oleomargarine	1,180.00	
Dairy Products Licenses	15,742.00	
Egg Seals	13,738.92	
Gold Seal Registrations	20.00	
Poultry Licenses	<u>267.00</u>	
Total		30,947.92

GRAIN LICENSES

Total	6,710.00	6,710.00
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GRAIN LABORATORIES

Great Falls	213,158.58	
Harlowton	<u>28,222.43</u>	
Total		241,381.01

HORTICULTURE

Inspection Fees	57,429.05	
Licenses	<u>8,210.00</u>	
Total		65,639.05

WEIGHTS & MEASURES

Petroleum Licenses	33,018.50	
Regular Scale Inspections	32,776.75	
Special Scale Inspections	<u>10,544.45</u>	
Total		76,339.70

WHEAT RESEARCH & MARKETING

Assessment	96,991.60	
Interest	<u>1,304.47</u>	
Total		98,296.07

GRAND TOTAL

\$ 580,422.10



## WORK PERFORMED

Period: July 1, 1967 - June 30, 1968

### COMMERCIAL FEED & FERTILIZER

Commercial Feeds Registered	1,607
Commercial Feeds Gross Annual Value Number Firms	355
Commercial Feed Samples brought in	607
Analysis run on these samples	4,358
Commercial Fertilizer number of firms	78
Commercial Fertilizer registered grades	406
Additional grades	19
Tonnage	163,638
Blending Plants	22
Soil Amendments	4
Fertilizer samples brought in	360
Analysis run on these samples	851

July 1, 1967 through June 30, 1968

FIELD WORK DAIRY DIVISION

1.	Total Licenses issued	1,395
2.	Eggs, Dairy products, Oleomargarine Poultry and store inspections	876
3.	Sanitary inspection of plants manufacturing dairy products	682
4.	Quality tests on dairy products	1,435
5.	Dozens of eggs checked for proper grade	361,940
6.	Number of egg seals sold	9,100,000
7.	Butterfat tests for dairy products	988
8.	Milk and cream butterfat tests run to check accuracy of payments to producers	1,223
9.	Trips on pickup bulk milk tanks to check accuracy of sampling and weighing milk from farm tanks	46
10.	Pounds of poultry inspected and cheese graded for USDA (poultry, cheese and turkeys)	506,305
11.	Cold Seal Farm Inspection	99
12.	Examination Babcock & Egg Graders License	11
13.	Wholesale Egg and Butter Inspections	19
14.	Official or Miscellaneous calls	2,081
15.	Chick Dealers Inspection	2
16.	Weights checked dairy products - Butter, Cottage Cheese, Oleomargarine	27,991
	Ice Cream	10,912
17.	Novelties checked	21,663
18.	Milk Farm Inspections	7

MONTANA STATE DEPARTMENT OF AGRICULTURE  
C. Lowell Purdy, Commissioner  
State Agricultural Building  
Helena, Montana

HORTICULTURAL INSPECTION AND QUARANTINE SERVICE  
Office Staff

Gerald N. Kaiser, Chief of Division  
Box 1285, Missoula, Montana

Edward E. Engebretson, Asst. to the Chief  
Box 1285, Missoula, Montana

Dorothy C. Manthie, Secretary  
Box 1285, Missoula, Montana

Wilson Kellogg, Federal Supervisor  
1203-C Broadway, Boise, Idaho

INSPECTORS

Belville, Loyd-	- - - - -	-Hamilton, Montana
Blevins, James O.-	- - - - -	-Kalispell, Montana
Carlson, John-	- - - - -	-Great Falls, Montana
Dahlin, Edward P.-	- - - - -	-Billings, Montana
Damm, Constine-	- - - - -	-Culbertson, Montana
Erickson, Harold-	- - - - -	-Lewistown, Montana
Fehrenkamp, Arthur-	- - - - -	-Bozeman, Montana
Fraser, Owen B.-	- - - - -	-Butte, Montana
Gaertner, Gene-	- - - - -	-Libby, Montana
Genty, James D.-	- - - - -	-Miles City, Montana
Kaiser, Wallace-	- - - - -	-Stevensville, Montana
Murphy, Bert L.-	- - - - -	-Havre, Montana
Rains, J. Garrison-	- - - - -	-Townsend, Montana
Scott, Clayton A.-	- - - - -	-Polson, Montana
Simmons, Donald L.-	- - - - -	-Whitehall, Montana
Simmons, Warren M.-	- - - - -	-Dillon, Montana
Wall, John F.-	- - - - -	-Glasgow, Montana
Wendt, Gerald P.-	- - - - -	-Anaconda, Montana

This bulletin and others beneficial to Horticultural interests are issued each year. Many fruit and vegetable growers and shippers will find information in these publications which will be helpful to them in showing the amount of produce imported into the State against production of local grown.

YEARLY REPORT  
July 1, 1967 - June 30, 1968

MONTANA DEPARTMENT OF AGRICULTURE  
HORTICULTURAL INSPECTION AND QUARANTINE SERVICE - MISSOULA

INSPECTION SUMMARY - OFFICE AND FIELD DATA  
Comparison for Years 1965 - 1966 - 1967 & Fiscal 1967-1968

INSPECTIONS AT:	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>Fiscal 1967-1968</u>
Post Office	2,439	2,215	2,487	2,029
Stores	3,812	4,656	4,650	5,242
Farms	643	900	612	623
Express	485	456	297	279
Trucks	5,987	6,303	5,414	5,624
Freight	446	600	473	456
Dry Beans	<u>142</u>	<u>24</u>	<u>62</u>	<u>42</u>
Totals	13,954	15,154	13,995	14,295

INSPECTION CERTIFICATES ISSUED

FRUIT AND VEGETABLES	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1967-1968</u>
Federal-State	1,354	1,635	1,894	2,100
State	464	1,150	1,222	1,045
Condition	318	180	165	156
Condemnation	21	14	15	14
Beans, Dry-Federal	<u>142</u>	<u>24</u>	<u>62</u>	<u>42</u>
Totals	2,299	3,003	3,358	3,357

OFFICE DATA

	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1967-1968</u>
Letters	2,034	1,950	2,413	2,320
Circulars and Bulletins				
Issued	1,420	2,748	1,572	1,555
Phone Calls	1,800	864	684	650
Personal Calls	450	475	168	148
Meetings Attended	<u>10</u>	<u>5</u>	<u>11</u>	<u>6</u>
Totals	5,714	6,042	4,848	4,679

INSPECTOR'S DATA

	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1967-1968</u>
Letters Answered	1,322	1,270	1,270	1,071
Phone Calls	2,517	2,429	2,599	2,666
Office Calls	1,251	1,324	1,059	865
Meetings	<u>15</u>	<u>17</u>	<u>25</u>	<u>34</u>
Totals	5,105	5,040	4,953	4,636



MONTANA DEPARTMENT OF AGRICULTURE  
HORTICULTURAL INSPECTION AND QUARANTINE SERVICE  
MISSOULA, MONTANA

COMPARISON NURSERY STOCK INSPECTED

	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>Fiscal 1967-1968</u>
Trees (Shade & Fruit)	10,079	6,846	12,822	17,454	10,538
Evergreens	13,890	5,906	15,094	15,248	12,398
Small Fruits	822,427	851,928	21,130	10,544	9,659
Shrubs and Ornamentals	68,998	16,490	33,113	41,720	44,729
Seedlings	3,761	4,549	4,760	7,770	19,031
Bulbs	47,234	55,570	208,204	98,134	251,522
Miscellaneous (plants)	<u>14,057</u>	<u>952,466</u>	<u>532,765</u>	<u>240,432</u>	<u>369,375</u>
Totals	980,446	1,893,755	827,888	431,302	717,252

COMPARISON NURSERY STOCK CONDEMNED AND DESTROYED

	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1967-1968</u>
Trees (Shade & Fruit)	64	4	7	72	30
Evergreens	149	33	24	120	65
Small Fruits	216	2,150	12	10	12
Shrubs	32	59	5	7	5
Bulbs	471	710	200	1,200	800
Seedlings	2	24	14	75	60
Miscellaneous (Plants)	<u>27,171</u>	<u>370</u>	<u>6,050</u>	<u>4,020</u>	<u>2,060</u>
Totals	28,105	3,350	6,312	5,504	3,032

MONTANA DEPARTMENT OF AGRICULTURE  
HORTICULTURAL INSPECTION AND QUARANTINE SERVICE  
MISSOULA, MONTANA

COMPARISON OF NUMBER OF PACKAGES OF FRUITS AND VEGETABLES  
CONDITIONED AND CONDEMNED DURING - 1964 - 1965 - 1966 - 1967 - Fiscal 1967-1968

Commodities	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>Fiscal 1967-1968</u>
Apples	645	65	150	10	30
Apricots	97	50		460	535
Avacados	17				
Blackberries				110	
Cantaloupes	263	2,017	829	482	275
Cherries	1,576	35	75	60	100
Cranberries	119				
Fruit Mcls.	35	295	300		80
Grapefruit	1,468	10,082	638	296	281
Grapes	495	700	40	304	234
Lemons	40		60		
Oranges	1,050	335	1,677	573	818
Peaches	1,527	1,770	1,125	80	
Pears	10	200		30	30
Plums-Prunes	53	167	40		
Raspberries	27	5			
Rhubarb	34				
Strawberries	735	2,053	1,032	1,110	11,759
Tomatoes	1,104	2,100	1,338	2,266	766
Watermelons	3,380	1,410	3,570	13,187	1,796
Asparagus	14	60			24
Broccoli	39	31	27		
Beans, gr.	1				
Cabbage	25		15		
Carrots	350	112	177	200	206
Cucumbers	178	90	51	103	171
Cauliflower	1,656	275	89	125	110
Celery	32	267	170	361	168
Corn, gr.	113	55	200	290	400
Lettuce	2,184	1,262	691	837	853
Onions, dry	705	286	450	113	
Onions, gr.	199				
Peas, gr.	3				
Potatoes	4,208	11,660	7,389	7,470	6,565
Peppers	19	411	192	386	432
Radishes	57	250	79	128	37
Spinach	5				
Squash	6	26	5		
Swt. Potatoes	710	25		318	
Turnip-Bagas	42				
Veg. Mcls.	<u>197</u>	<u>163</u>	<u>23</u>	<u>50</u>	<u>25</u>
Totals	23,418	36,257	20,432	29,349	15,695

MONTANA DEPARTMENT OF AGRICULTURE  
HORTICULTURAL INSPECTION AND QUARANTINE SERVICE

COMPARISON IN TERMS OF CARLOADS OF HOME GROWN  
FRUITS AND VEGETABLES INSPECTED DURING - 1967 & Fiscal 1967-1968

	Rail	<u>1 2 6 7</u> Truck	Total	Rail	<u>1 2 6 7 - 1 2 6 8</u> Truck	Total
Apples		1	1		1	1
Cherries	79 3/4	66 1/2	146 1/4	79 3/4	66 1/2	146 1/4
Raspberries		3 1/4	3 1/4		3 1/4	3 1/4
Tomatoes		1/4	1/4		1/4	1/4
Fruit Mcls.						
Asparagus		1/4	1/4			
Cabbage		4 3/4	4 3/4		5 1/2	5 1/2
Carrots		4 1/4	4 1/4		4 1/4	4 1/4
Corn, gr.		8 3/4	8 3/4		8 3/4	8 3/4
Cucumbers		1/4	1/4		1/4	1/4
Lettuce		1	1		1 1/4	1 1/4
Onions, dry		1/2	1/2		3/4	3/4
Onions, gr.		3 1/2	3 1/2		3	3
Potatoes	1,554 1/2	964 1/2	2,519	1,582 1/2	1,213	2,795 1/2
Radishes		7	7		4 3/4	4 3/4
Squash		1	1		1	1
Turnip-Pagas		5 1/2	5 1/2		4 3/4	4 3/4
Veg. Mcls.		2 1/4	2 1/4		2 1/2	2 1/2
Totals	1,634 1/4	1,074 1/2	2,708 3/4	1,662 1/4	1,320 3/4	2,983

MONTANA DEPARTMENT OF AGRICULTURE  
HORTICULTURAL INSPECTION AND QUARANTINE SERVICE  
MISSOULA, MONTANA

COMPARISON IN TERMS OF CARLOADS OF FRUITS AND VEGETABLES IMPORTED  
AND INSPECTED DURING THE YEARS 1967 & FISCAL 1967-1968

	<u>1 9 6 7</u>			<u>1 9 6 7 - 1 9 6 8</u>		
	<u>Rail</u>	<u>Truck</u>	<u>Totals</u>	<u>Rail</u>	<u>Truck</u>	<u>Totals</u>
Apples		295	295		222 1/4	222 1/4
Apricots		7	7		7	7
Avacados		18	18		13 1/4	13 1/4
Cantaloupes		245 1/4	245 1/4		239 1/2	239 1/2
Cherries		7 1/4	7 1/4		8 3/4	8 3/4
Cranberries		5	5		5	5
Fruit Mcls.		96	96		97 1/2	97 1/2
Grapefruit		274 1/4	274 1/4		249	249
Grapes		110 1/4	110 1/4		104 1/4	104 1/4
Lemons		56 1/2	56 1/2		52	52
Oranges		586 3/4	586 3/4		392 1/2	392 1/2
Peaches		100 3/4	100 3/4		107	107
Pears		22 3/4	22 3/4		21 1/4	21 1/4
Plums-Prunes		25 1/4	25 1/4		27	27
Raspberries		5 1/4	5 1/4		5 3/4	5 3/4
Strawberries		91 1/4	91 1/4		115	115
Tomatoes		343	343		337 1/4	337 1/4
Watermelons		271 1/4	271 1/4	2	217 3/4	219 3/4
Asparagus		8 1/4	8 1/4		8 1/4	8 1/4
Broccoli		9 3/4	9 3/4		14 3/4	14 3/4
Beets		3/4	3/4		1/4	1/4
Beans, gr.		3/4	3/4		1/2	1/2
Cabbage		124 1/4	124 1/4		131 1/2	131 1/2
Carrots		199 1/4	199 1/4		193 3/4	193 3/4
Cauliflower		48 1/4	48 1/4		50	50
Celery		237 1/4	237 1/4		241	241
Corn, gr.		71 3/4	71 3/4		65 1/2	65 1/2
Cucumbers		24 3/4	24 3/4		25 3/4	25 3/4
Lettuce		1,165 3/4	1,165 3/4		1,159	1,159
Onions, dry		147 1/4	147 1/4		157 1/4	157 1/4
Onions, gr.		83 1/4	83 1/4		90	90
Peas		1/4	1/4			
Peppers		20 1/2	20 1/2		19 1/2	19 1/2
Potatoes	56 1/4	582 3/4	639	77	576 3/4	653 3/4
Radishes		114 1/4	114 1/4		114 3/4	114 3/4
Spinach		3	3		3 3/4	3 3/4
Squash		18	18		22	22
Swt. Potatoes		15 1/4	15 1/4		13 1/2	13 1/2
Turnip-Bagas		20 1/4	20 1/4		18 1/4	18 1/4
Veg. Mcls.		89 3/4	89 3/4		94	94
Totals	56 1/4	5,546	5,602 1/4	79	5,222	5,301



MONTANA DEPARTMENT OF AGRICULTURE  
HORTICULTURAL INSPECTION AND QUARANTINE SERVICE  
MISSOULA, MONTANA

COMPARISON OF NUMBER OF PACKAGES OF FRUITS AND VEGETABLES  
INSPECTED DURING 1966 - 1967 & FISCAL 1967-1968

	<u>I M P O R T E D</u>			<u>H O M E G R O W N</u>		
	<u>1966</u>	<u>1967</u>	<u>1967-1968</u>	<u>1966</u>	<u>1967</u>	<u>1967-1968</u>
Apples	306,538	235,991	177,875	4,320	948	948
Apricots	22,170	6,849	6,902			
Avocados	12,692	14,406	10,512			
Cantaloupes	57,518	76,038	74,418	302		
Cherries	7,580	8,938	10,410	218,418	175,564	175,564
Cranberries	6,192	5,074	5,074			
Fruit Mcls.	49,345	47,775	48,548	332		
Grapefruit	99,168	126,286	114,572			
Grapes	133,487	120,197	114,516			
Lemons	24,902	26,023	24,080			
Oranges	247,487	269,866	180,488			
Peaches	146,673	101,161	107,366			
Pears	51,431	17,563	16,176			
Plums-Prunes	30,272	24,915	26,665			
Raspberries	7,091	3,901	4,223	1,988	2,207	2,207
Rhubarb	617					
Strawberries	61,864	68,568	86,116	762		
Tomatoes	225,365	215,398	211,333		215	215
Watermelons	85,279	67,883	55,094			
Asparagus	4,274	5,516	5,522	165	222	
Broccoli	3,269	4,494	5,802			
Beets	258	301	116			
Beans, gr.	140	453	281			
Cabbage	38,966	45,697	42,347	1,356	1,467	1,712
Carrots	69,954	79,955	77,516	1,732	1,867	1,833
Cauliflower	18,698	24,097	25,077			
Celery	95,539	105,502	107,349			
Corn, gr.	35,592	36,356	33,265	4,738	4,274	4,274
Cucumbers	27,133	30,183	31,425	348	376	376
Lettuce	348,357	373,207	371,164	299	369	469
Onions, dry	87,719	90,729	94,602	340	342	389
Onions, gr.	32,993	33,513	36,266	936	800	585
Peas, gr.		197				
Potatoes	255,274	236,662	235,318	786,631	842,190	1,006,804
Peppers	21,411	23,329	22,758			
Radishes	39,002	45,756	48,613	3,332	2,992	2,037
Spinach	2,041	2,616	3,218			
Squash	17,830	11,829	14,031	213	743	743
Swt. Potatoes	16,324	12,441	11,432			
Turnip-Bagas	11,252	12,158	11,203	1,860	3,056	2,621
Veg. Mcls.	38,200	36,150	38,080	1,014	968	1,065
Totals	2,739,897	2,647,973	2,489,753	1,029,086	1,038,600	1,201,842

MONTANA DEPARTMENT OF AGRICULTURE  
HORTICULTURAL INSPECTION AND QUARANTINE SERVICE

COMPARISON VALUES IN DOLLARS OF FRUITS AND VEGETABLES  
INSPECTED DURING 1966 - 1967 & FISCAL 1967-1968

	<u>I M P O R T E D</u>			<u>H O M E G R O W N</u>		
	<u>1 9 6 6</u>	<u>1 9 6 7</u>	<u>1 9 6 7-1 9 6 8</u>	<u>1 9 6 6</u>	<u>1 9 6 7</u>	<u>1 9 6 7-1 9 6 8</u>
Apples	\$ 1,207,759.72	\$ 929,804.54	\$ 700,827.50	\$ 17,020.80	\$ 3,735.12	\$ 3,735.12
Apricots	85,354.50	26,368.65	26,572.70			
Avocados	45,691.20	51,861.60	37,843.20			
Cantaloupes	319,800.08	422,771.28	413,764.08	1,679.12		
Cranberries	23,839.20	19,534.90	19,534.90			
Cherries	47,967.00	54,770.20	66,624.00	1,199,372.20	1,123,609.60	1,123,609.60
Fruit Mcls.	189,978.25	183,933.75	186,909.80	1,278.20		
Grapefruit	296,512.32	377,555.25	342,530.39			
Grapes	521,934.17	469,970.27	447,757.56			
Lemons	81,678.56	85,355.44	78,999.49			
Oranges	1,041,920.31	1,140,135.86	763,854.48			
Peaches	564,691.05	389,469.85	413,359.10			
Pears	198,523.72	67,793.18	62,439.36			
Plums-Prunes	116,547.20	95,922.75	102,660.25			
Raspberries	27,300.35	15,018.85	16,258.55	7,653.80	8,496.95	8,496.95
Rhubarb	2,375.45					
Strawberries	272,201.60	301,699.20	378,910.40	3,352.80		
Tomatoes	842,606.70	771,124.84	756,572.06		769.70	769.70
Watermelons	328,324.15	261,349.55	212,111.90			
Asparagus	17,950.80	23,167.20	23,192.40	693.00	.932.40	
Broccoli	7,845.60	10,785.60	13,924.80			
Beets	1,032.00	1,204.00	464.00			
Beans, gr.	560.00	1,812.00	1,124.00			
Cabbage	187,036.80	219,345.60	203,265.60	6,508.80	7,041.60	8,217.60
Carrots	244,839.00	279,842.50	271,306.00	6,062.00	6,534.50	6,415.50
Cucumbers	113,945.70	132,197.16	137,637.12	1,524.24	1,646.88	1,646.88
Cauliflower	44,875.20	57,832.80	60,184.80			
Celery	437,568.62	483,199.16	491,658.42			
Corn, gr.	149,486.40	152,695.20	139,713.00	19,899.60	17,950.80	17,950.80
Lettuce	968,432.46	1,037,515.46	1,031,835.92	831.22	1,025.82	1,303.82
Onions, gr.	108,876.90	308,478.60	119,677.80	3,088.80	2,640.00	1,930.50
Onions, dry	298,244.60	110,592.90	321,646.80	1,156.00	1,082.20	1,242.00
Peas, gr.		788.00				
Potatoes	829,640.50	769,151.50	764,783.50	2,556,550.75	2,932,117.50	3,272,113.00
Peppers	119,259.27	129,942.53	126,762.06			
Radishes	139,627.16	163,806.48	174,034.54	11,928.56	10,711.36	7,292.46
Spinach	8,164.00	10,464.00	12,872.00			
Squash	89,150.00	59,145.00	70,155.00	1,065.00	3,715.00	3,715.00
Swt. Potatoes	75,090.40	57,228.60	52,587.20			
Turnip-Bagas	28,580.08	30,881.32	28,455.62	4,724.40	7,762.24	6,657.34
Veg. Mcls.	152,800.00	144,600.00	152,320.00	4,056.00	3,872.00	4,260.00
TOTAL	\$10,238,011.02	\$9,849,115.57	\$9,225,130.30	\$3,848,445.29	\$4,133,643.67	\$4,469,356.27

MONTANA DEPARTMENT OF AGRICULTURE  
HORTICULTURAL INSPECTION AND QUARANTINE SERVICE  
MISSOULA, MONTANA

VALUE OF PRODUCE IMPORTED INTO MONTANA BY RAIL AND TRUCK  
IN 1967 AND FISCAL 1967-1968 DURING SUCH MONTHS AS IT WAS  
OR COULD HAVE BEEN PRODUCED IN MONTANA

	<u>1967</u>	<u>1967-1968</u>	<u>INCREASE</u>	<u>DECREASE</u>
Apples	\$ 929,804.54	\$ 700,827.50	\$	\$228,977.04
Cantaloupes	422,771.28	413,764.08		9,007.20
Cherries	54,770.20	66,624.00	11,853.80	
Pears	67,793.18	62,439.36		5,353.82
Plums & Prunes	95,922.75	102,660.25	6,737.50	
Raspberries	15,018.85	16,258.55	1,239.70	
Strawberries	301,699.20	378,910.40	77,211.20	
Tomatoes	771,124.84	756,572.06		14,552.78
Asparagus	23,167.20	23,192.40	25.20	
Beans, gr.	1,812.00	1,124.00		688.00
Beets	1,204.00	464.00		1,199.36
Cabbage	219,345.60	203,265.60		16,080.00
Carrots	279,842.50	271,306.00		8,536.50
Cauliflower	57,832.80	60,184.80	2,352.00	
Celery	483,199.16	491,658.42	8,459.26	
Corn, gr.	152,695.20	139,713.00		12,982.20
Cucumbers	132,197.16	137,637.12	5,439.96	
Lettuce	1,037,515.46	1,031,835.92		5,679.54
Onions, dry	308,478.60	321,646.80	13,168.20	
Onions, gr.	110,592.90	119,677.80	9,084.90	
Peas, gr.	788.00			788.00
Peppers	129,942.53	126,762.06		3,180.47
Potatoes	769,151.50	764,783.50		4,368.00
Radishes	163,806.48	174,034.54	10,228.06	
Spinach	10,464.00	12,872.00	2,408.00	
Squash	59,145.00	70,155.00	11,010.00	
Turnip-Bagas	57,228.60	28,455.62		28,772.98
<b>Totals</b>	<b>\$6,657,313.53</b>	<b>\$6,476,824.78</b>	<b>\$159,217.78</b>	<b>\$340,165.89</b>

# WORK PERFORMED

Period: July 1, 1967 - June 30, 1968

## GREAT FALLS LABORATORY

Protein tests - Carloads	21,519
Submitted samples	18,986
Malting analysis	1,901
Grade Determination	
Carloads	24,820
Submitted samples	13,624
Weighing carloads	9,065
Sedimentation tests	8

## HARLOWTON LABORATORY

Protein tests - Carloads	3,387
Submitted samples	3,847
Grade Determination	
Carloads	3,548
Submitted samples	821
Sedimentation	5
Contamination	70
Malting tests	28
Weighing carloads	334

## TOTAL BOTH LABORATORIES

Protein tests - carloads & submitted samples	47,739
Grade determination - carloads & submitted samples	42,813
Sedimentation tests	13
Contamination tests	70
Malting tests	1,929
Weighing carloads	9,399

## GRAIN LICENSES

Grain Dealer & Public Warehouseman	373
Grain Dealer	66
Grain Dealer and/or Track Buyer	4
Grain Dealer and/or Agricultural Seed Buyer	3
Mustard Seed Buyer	2



# WORK PERFORMED

Period: July 1, 1967 - June 30, 1968

## WEIGHTS AND MEASURES

	<u>Tested</u>	<u>Rejected</u>
Scales	7,645	461
Pumps	4,871	67
Wholesale Meters	1,107	55
L.P. Meters	159	12
Packages	3,319	620
Provers calibrated	10	
Tanks "	8	
Dollies "	5	
Measures "	35	
Weights "	759	

MONTANA REAL ESTATE COMMISSION

Period: July 1, 1967 to June 30, 1968

Funds Available	\$45,353.00	
Expenditures	37,670.43	
Balance - June 30, 1968	7,682.57	
Balance - July 1, 1967 - 207800	29,776.70	
Income		
207800	37,460.95	
General	4,849.55	
Licenses		\$37,225.00
Miscellaneous		<u>5,085.50</u>
		\$42,310.50
Funds Available	72,087.20	
Disbursements - 207800		
Expenditures	37,670.43	
General Fund	<u>4,849.55</u>	
Balance - June 30, 1968		\$29,567.22

MONTANA RURAL REHABILITATION

Balance - July 1, 1967	\$44,920.14	
Income	<u>83,527.72</u>	
Funds Available	128,447.86	
New Loans	40,460.00	
Balance - June 30, 1968		\$87,987.86

WHEAT RESEARCH AND MARKETING

Period: Ending June 30, 1968

Income		
Assessments	96,991.50	
Interest (Treasury Bills)	<u>1,304.47</u>	
	98,296.07	
Expenditures	31,495.01	
To General Fund	1,380.49	
Treasury Bills	<u>50,000.00</u>	
	82,875.50	
Balance		\$15,420.57

# WORK PERFORMED

Period: July 1, 1967 - June 30, 1968

## MONTANA REAL ESTATE COMMISSION

Real Estate Brokers Licensed and Bonded	984	
Real Estate Salesmen Licensed and Bonded	<u>338</u>	
Total		1322
Out of State Real Estate Brokers Licensed and Bonded	38	
Out of State Real Estate Salesmen Licensed and Bonded	<u>7</u>	
Total		45
Total Brokers	1022	
Total Salesmen	<u>345</u>	
Total Licenses		1367
Real Estate Brokers Examinations Administered	99	
Real Estate Salesmen Examinations Administered	<u>171</u>	
Total		270
Branch Office Licenses	20	

COMMISSIONER OF  
AGRICULTURE

ADMINISTRATION	DAIRY	GRAIN LABORATORIES	HORTICULTURE
Central Accts & Disbursements, Personnel, Records & Payroll, Licensing, Bonding & Super- vision, Grain Warehousemen, Public Relations - Budgets	Licensing creameries counter freezers, whole- sale & retail dealers, ice cream, butter, eggs, oleo, Insp. as to condition Poultry Improvement	Sampling Grading Protein <i>Tests</i> Moisture " " Dockage Sedimentation Tests	Inspection, State-Federal Grading Fruits & Veg. License & Bond Dealers, Fumigation & Inspection of Nursery stock Quarantine, Permits of Exemption, Rust Control

REAL ESTATE	COMMERCIAL FEEDS	COMMERCIAL FERTILIZERS	WEIGHTS & MEASURES	AGRICULTURAL STATISTICS
Licensing & Bond Supervision & Enforcement	Registration, Enforcement Reports, Analysis - Gross Annual Value	Registrations Enforcement Reports, Analysis	Scale Inspection, Calibrating, Test Weights, Test Cans, Milk Tanks, Insp. gasoline pumps, Meters, other petroleum	Assembling & Publishing

DEPARTMENT  
(Wheat Commission)  
7<sup>5</sup>-member commission  
Activities: Research & marketing activities  
Improving wheat cultural practices  
Self financed growers group

Member of: Pesticide Advisory Committee  
State Soil Conservation Committee  
Agriculture & Livestock Council  
Hail Insurance Board  
Land Use Study Committee  
Governors' Transportation Committee





RECEIVED

JUN 5 1969

STATE PLANNING BOARD

Referred to \_\_\_\_\_